

ABSTRACT OF THE DISCLOSURE

Disclosed is a washing machine having a transient vibration sensor assembly, which senses transient vibration of a tub to prevent the washing machine from heavy shaking or breakdown. The present invention includes a cabinet, a tub suspended in the cabinet, a drum rotatably provided in the tub, a motor in the cabinet to rotate the drum, a sensor assembly in the cabinet to sense a transient vibration of the tub, and a control unit controlling the motor, the control unit stopping the motor if the tub is in the transient vibration.